

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: JOHN W. PUTNAM ET AL. Docket No.: 02-216

Serial No.: Examiner :

Filed : Art Unit :

For : A MIXABLE ROOM TEMPERATURE  
CASTABLE POLYURETHANE SYSTEM

900 Chapel Street  
Suite 1201  
New Haven, CT 06510-2802

PRELIMINARY AMENDMENT

Hon. Commissioner of Patents and Trademarks  
United States Patent and Trademark office  
Washington, D.C. 20231

Dear Sir:

In the above-identified application for United States  
patent, please amend as follows:

IN THE SPECIFICATION

Attached please find a clean copy of the following:

- the first paragraph in the section entitled "CROSS-  
REFERENCE TO RELATED APPLICATIONS" on page 1;
- the sixth paragraph in the section entitled "SUMMARY OF  
THE INVENTION" on page 2; and
- a marked-up copy of the above-mentioned paragraphs  
showing the amendments to said paragraphs.

## AMENDMENTS TO SPECIFICATION

First paragraph in the section entitled "CROSS-REFERENCE TO RELATED APPLICATIONS" on page 1:

This application is a continuation of U.S. Patent Application Serial No. 09/668,206, filed September 22, 2000 which in turn [This] is a continuation-in-part application of U.S. Patent Application Serial No. 09/222,090, entitled A MIXABLE ROOM TEMPERATURE CASTABLE POLYURETHANE SYSTEM, filed December 29, 1998.

Sixth paragraph in the section entitled "SUMMARY OF THE INVENTION" on page 2:

In accordance with the present invention, a polyurethane compound or system is provided which contains a formulation of polyurethane prepolymers mixed with an aromatic amine curing agent in a volumetric mix ratio of from about 0.9:1 to about 1:1. The formulation of polyurethane prepolymers consists of a blend of different polyethers based on diphenylmethane diisocyanate or, in other words, a blend of prepolymers made from polyethers and diphenylmethane diisocyanate. The aromatic amine curing agent preferably comprises a blend of oligomeric diamines and an aromatic diamine with a catalytic component. Both of the blends, when in an uncured state, are liquid at room temperature. Polyether type prepolymers are important for moisture and solvent resistance. Polyurethane based MDI prepolymers or MDI polyurethane prepolymers are important for health and safety reasons, for being liquid at room temperature, and for offering

better adhesion properties. Aromatic amine curing is important for best thermal stability and moisture resistance.

CLEAN COPY OF AMENDMENTS TO SPECIFICATION

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